**INTRODUCTION TO COMPUTER SCIENCE**

*Make-sure that you can attend all the lectures. Otherwise, you should take another class on “Introduction to Computer Science”.*

**Lecture Schedule**

**Date Description Due Date**

March 6, 2020 Lecture 1

March 13, 2020 Lecture 2 Assignment 1

March 20, 2020 Lecture 3 Assignment 2

March 27, 2020 Class Test I (\*)

Lecture 4

April 3, 2020 Holiday Assignment 3

April 10, 2020 Lecture 5 Assignment 4

April 17, 2020 Lecture 6 Assignment 5

April 24, 2020 Mid-Term Exam (\*)

May 1, 2020 Lecture 7 Assignment 6

May 8, 2020 Lecture 8 Assignment 7

May 15, 2020 Lecture 9 Assignment 8

May 22, 2020 Class Test II (\*)

Lecture 10

May 29, 2020 Lecture 11 Assignment 9

June 5, 2020 Lecture 12 Assignment 10

June 12, 2020 Review Lecture

June 19, 2020 Final Exam (\*)

(\*) All tests and exams begin at 14:30 and finish by 16:00. After test, lecture will be conducted as usual. For the exams, there is no lecture afterward.

**Tutorial Sessions**

Tutor: Janet Chang. Venue & Time: TBD.

Make-up classes will be arranged on a weekday evening in Week 9 and a weekday evening in Week 18. The actual time slots will be announced in Week 8 and Week 17.

Students should make appointments with TA/Professor for additional tutorial sessions if necessary.

**Assessment**

Midterm Exam (ME): 50%; Final Exam (FE): 50%

Assignments (A): 10% (Bonus)

Class Tests (CT): 10% (Bonus)

Final score = MIN{100, ME + FE + A + CT}.

Student who has skipped class without ‘proper reason’ for more than three times will get “0” in his/her final score.

**Course Materials**

Lecture notes, sample assignments, past papers are appeared in the following URL.

<http://web.nchu.edu.tw/~pfsum/CS/cs2020spring.html>

Students should download the notes, print them out and bring them back to the class.

Students should read through the lecture notes. If there is any enquiry about the content in the notes, please contact TA or Professor John Sum for assistance.

Apart from the lecture notes available on the course homepage, additional materials will be added during the lecture in a form of written notes on the board. Students need to take those notes.

Past examination papers (some of them) are available on the course homepage. Students should download them for preparing for the class tests and exams.

*Model answers of the past papers are not provided.*

**Useful Videos On YouTube**

1. History of Computers – <https://www.youtube.com/watch?v=6dME3wgaQpM>
2. History of the Origin and Development of Internet <https://www.youtube.com/watch?v=iIksS1kt7Hc>
3. History Channel: The Invention of Internet –<https://www.youtube.com/watch?v=M9ebkjWU6Z4>
4. History of Telephone – <https://www.youtube.com/watch?v=j3RbnsHTuVw>
5. IEEE Spirit of Innovation – <https://www.youtube.com/watch?v=h8Jyts3UyLQ>
6. How a CPU Work – <https://www.youtube.com/watch?v=cNN_tTXABUA>
7. Understanding Computer and Internet, 2011 Edition, Harvard Extension School – <https://www.youtube.com/channel/UCWuNClnYEMKzK16G3ygqbbw>

**Lecture Attendance**

In each lecture, the classroom will be open right at 14:00. Students should be seated before 14:10. Lecture will be started at 14:10.

Students should have to attend all the lectures. Your attendance will be checked in each lecture.

*If you have already planned to skip any one of the lectures, please drop the course and re-take it in another year.*

*Student who has skipped class without ‘proper reason’ for more than three times will get “0” in his/her final score. The instance (together with the student’s performance and attendance records) will be reported to the university.*

In accordance with university regulation, participating freshman orientation, cheerleader dancing or open competition is not a proper reason.

Applying absent has to be done in person via email ([pfsum@nchu.edu.tw](mailto:pfsum@nchu.edu.tw)) with ‘reason’ to “Prof. John Sum” at least one day before the date of absent.

For sick leave, student has to email to Prof. John Sum on the date of absent and then show the ‘medical certificate’ to Prof. John Sum soon as possible after the date of absent.

**Uses of Notebook & Cell Phone**

No notebook or cell phone is allowed to be on and used in the class.

Notebook and cell phone could not be used during breaks.

All cell phones have to be set to ‘silent and vibration’ or ‘silent’ mode.

In case you are waiting for urgent calls, please inform Prof. John Sum in advance.

**Food**

Students are not allowed to eat food in the classroom. In case you need to do so, please eat outside the classroom and come back for lecture after eating.

**Assignments**

Assignment sheets will only be distributed during the lectures. No electronic copy is available for download. If you have skipped a class, please ask your fellow classmates for making a copy.

You will have both written assignments and program assignments. All of them are individual assignments.

For written assignments, the answers must be in English and the answers should be prepared by WORD or other word processing software. If you have any problem in preparing a softcopy for assignment submission, please contact TA or Prof. John Sum.

For some written assignments, students are needed to watch video and write a summary. Again, the summary must be in English and prepared by WORD or other word processing software.

For program assignments, students have to do two things. First, he/she has to submit the source codes to TA via email. Second, each student have to make an appointment to your TA, bring the source code for compilation and answer questions regarding the program detail.

**Assignment Submission**

All assignments must be submitted to the Gmail account [csformgtnchu@gmail.com](mailto:csformgtnchu@gmail.com) before Friday 00:00 with the softcopy (in WORD or PDF) attached.

The formats of the email heading and the file attached should follow the formats below.

Email heading: cs2020spring-assignmentXX-studentID

Filename: cs2019spring-assignmentXX-studentID

*Note that there is no space in the email heading and file name*.

For instance, student with ID 8107999001 submits Assignment 4 (in WORD) to the Gmail. The email heading and the filename should be specified like that.

Email heading: cs2020spring-assignment04-8107999001

Filename: cs2020spring-assignment04-8107999001.docx

Suppose the student would like to submit a new version (version 2) of Assignment 4, the email heading and filename should be specified like that.

Email heading: cs2020spring-assignment04-8107999001-v2

Filename: cs2020spring-assignment04-8107999001-v2.docx

In case the student would like to submit version 3 or version 4, the suffixes of the email heading and filename would simply change from v2 to v3 or v4.

The submission time is based on the time clock in the Gmail system. A submission is treated as late submission if the email arrival time indicated in the Gmail system is later than Friday 00:00.

**\*\*\* Policy on Copying Assignments \*\*\***

Student cannot copy any part of the answers of an assignment from any other student. It is a serious crime if you do. This act will be considered as plagiarism. All these instances will be reported immediately and directly to university for further action, likely termination of study. All the students who copy from others and who provide the sources will get “0” in their final scores.

**Examinations & Class Tests**

Students have to bring with their student ID cards, for authentication, in class tests and examinations.

Student has to attend all the tests and exams. No supplementary test or exam will be scheduled for no-show student.

Only under exceptional situations, no-show student could have make-up arrangement.